BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :- Maintenance of Community Property in Ward No 08

Job Code:- P-3292

Est Cost :- 2.50 Lakhs

Sl.No	Description of Work	Unit	No	Length m	Bredth m	Depth m	Qty.	Rate	Amount
1	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. (P. No. 116, I.No. 15.51.2 of SR 2018-19). with Primer								
	Internal Walls	Sqm							
	Inside Walls								
			1	45.00		3.00	135.00		
	Column								
			2	2.40		3.00	14.40		
	Beam								
			4	1.30			5.20		
	Deductions								
	Doors								
	D1		-1.00	1.20		2.10	-2.52		
	Windows								
	W1		-6.00	1.50		1.20	-10.80		
	W2		-3.00	1.50		1.50	-6.75		
						Total Qty	**134.53**	**97.20**	**13076.00**
	Basic Rate	90.00							
	Area Weightage 8%	7.20							
	Final Rate	**97.20**							
2	KSRB 7.14 : Providing, fabricating, assembling and fixing in position aluminium partitions using sections in combination of plain, single grove and double grove as per requirements for the frames of overall size 101.6mm x 44.45mm, 3.18mm.thick having section weight, plain sections 2.40kg/m single grove section 2.541kg/m. and double grovesection 2.683 kg/m and bottom 46 kg/m; aluminium louvres of size 77.6mmx27.6mm 1.7mm. thick section weight 0.483kg/m; bottom portions provided with 12mm. thick prelaminated sheet both side of approved colour lamination exterior grade; aluminium sections of mat finish or glossy finish using section, spacing of vertical member shall not exceed 0.6 m. c to c; sections are cut to the required lengths, joints mitered and corners grinded subdividing frames tennoned and rivetted to the frames, the assembled frame should be stiffened with corner angles stripped and fixed with screws, rawl plugs and teak wood gutties to R.C.C.columns or masonry on sides, R.C.C. lintels or beams at top and floor at bottom, including cutting chistling and making good with cement mortar to match the surface, providing and fixing bottom panel filled with the materials to a height of 0.9m. from floor level; and 5.5mm. thick plain glass for middle portion viz., 0.9m. to 2.13 m. and top panel with lower sections, the glass and panels fitted with glazing clips of 19mmx17.3mm. with thickness of 0.9mm. weight 0.124kg/m; aluminium sections pre-treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherence of mortars or any other sticky materials; vertical members embedded in the flooring by making suitable size holes and fixing with cement mortar, with necessary opening for fixing of doors of standard size (excluding cost of door opening) All the frame should be throughly cleaned free from rust, scale or dirt including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality. ((P.No.35/I.No. 7.14.2 of CSR 2018-19)								
		Sqm	1	10.55	3.00		31.65		
						Total Qty	**31.65**	**5178.60**	**163903.00**

Sl.No	Description of Work	Unit	No	Length m	Bredth m	Depth m	Qty.	Rate	Amount
	Basic Rate	4795.00							
	Area Weightage 8%	383.60							
	Final Rate	**5178.60**							
3	KSRB 15-17.4 : Applying priming coat over new wood surface and / or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications.(Page. No. 121 Item No. 15.58 SR 2018-19)								
	Same as Door Qnty	**Sqm**							
	Doors								
	D1	2.00	1.00	1.20		2.10	5.04		
						Total Qty	**5.04**	**54.00**	**272.00**
	Basic Rate	50.00							
	Area Weightage 8%	4.00							
	Final Rate	**54.00**							
4	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.(Page. No. 121 Item No. 15.60.1 SR 2018-19)								
	Same as priming coat qnty for Door	**Sqm**							
						Total Qty	**5.04**	**104.76**	**528.00**
	Basic Rate	97.00							
	Area Weightage 8%	7.76							
	Final Rate	**104.76**							
5	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locl<ing arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(**For 1000 litre capacity**) Specification No.KBS 13.22 (P.No.96, I.No.13.78 of PW, P&IWTD S.R 2018-19)								
		each	1				1.00		
						Total Qty	**1.00**	**7374.24**	**7374.00**
	Basic Rate	6828.00							
	Area Weightage 8%	546.24							
	Final Rate	**7374.24**							

Sl.No	Description of Work	Unit	No	Length	Bredth	Depth	Qty.	Rate	Amount
				m	m	m			
6	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes. (P.No.99, I.No. 13.86.2 of KPWD SR 2018-19)								
	20mm Nominal OD Pipes	m	40				40.00		
						Total Qty	40.00	253.80	10152.00
	Basic Rate	235.00							
	Area Weightage 8%	18.80							
	Final Rate	253.80							
7	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes(P.No.99, I.No. 13.86.3 of KPWD SR 2018-19)								
	25mm nominal OD pipes	m	40	--	--	--	40.00		
						Total Qty	40.00	316.44	12658.00
	Basic Rate	293.00							
	Area Weightage 8%	23.44							
	Final Rate	316.44							
8	KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (P.No.84, I.No. 12.41 of KPWD SR 2018-19)								
		unit	2	--	--	--	2.00		
						Total Qty	2.00	1226.88	2454.00
	Basic Rate	1136.00							
	Area Weightage 8%	90.88							
	Final Rate	1226.88							
9	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (P.No.82 I.No.12.23 of PWDSR 2018-19)								
		unit	2	--	--	--	2.00		
						Total Qty	2.00	4327.56	8655.00

Sl.No	Description of Work	Unit	No	Length m	Bredth m	Depth m	Qty.	Rate	Amount
	Basic Rate	4007.00							
	Area Weightage 8%	320.56							
	Final Rate	**4327.56**							
10	KSRRB M800-7. Painting:-Providing and applying two coats of ready- mix paint of approved brand after through cleaning of surface to give an even shade complete as per specifications.MORTH Specification No. 803 Painting on Steel Surface(P.No.181, I.No24.8.1 of PW,P&IWTD S.R 2018-19))								
		Sqm							
	Windows Grill								
	W1		6	1.50		1.20	10.80		
	W2		3	1.50		1.50	6.75		
						Total Qty	**17.55**	**77.76**	**1365.00**
	Basic Rate	72.00							
	Area Weightage 8%	5.76							
	Final Rate	**77.76**							
								Total Construction Cost	**220437.00**
								12% GST	**26452.44**
								PMC / Third Party inspection	**2205.00**
								Sub Total	**249094.44**
								Miscellaneous and rounding off	**905.56**
								Total	**250000.00**

Certificate.

1 The workspot was inspected and work is found to be necessary.
2 The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3 The rates adopted based on the KPWD Electrical SR 2014-15, BWSSB SR 2017-18, KPWD SR, Bangalore circle for year 2018-19.
4 The provisions made in the estimate are necessary and essential.

Assistant Engineer

Executive Engineer

Assistant Executive Engineer

Administrative Approval

Accorded For Rs 2.50 lakhs only
Head of A/C... P3292
CER NO :..... 05 **Dt:**.. 22.05.2020

TA

CE (YNK)

TECHNICAL SANCTION

Accorded For Rs..... 2.50 lakhs only
Head of A/c..... P3292
Div. Ref. No..... 69/20-21 Date..... 26/5/2020

AE 26/05

EE(BTP) 26/05